

PAT-NO: JP409059881A
DOCUMENT- JP 09059881 A
IDENTIFIER:
TITLE: BLACK SUEDE-TONE ARTIFICIAL LEATHER GIVING LITTLE
STUFFY FEELING

PUBN-DATE: March 4, 1997

INVENTOR-INFORMATION:

NAME	COUNTRY
ASHIDA, TETSUYA	
<u>YONEDA, HISAO</u>	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
KURARAY CO LTD	N/A

APPL-NO: JP07213305
APPL-DATE: August 22, 1995

INT-CL (IPC): D06N003/14

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a suede-tone artificial leather giving little stuffy feeling in wearing and having softness and moderate stretchability by using an elastic polymer and ultrafine fiber bundles containing a black pigment reflecting infrared rays.

SOLUTION: A conjugate fiber capable of generating ultrafine fibers such as a sea-island conjugate fiber and containing perylene black in an amount of $\geq 5\%$ is produced by the composite spinning of a polyethylene, a 6-nylon and a 6-nylon containing an infrared-reflecting perylene black pigment. A card web of the conjugate fiber is needle-punched to form a fiber-interlocked nonwoven cloth. A solution of an elastic polymer such as polyurethane is impregnated in the nonwoven cloth at a fiber:polyurethane ratio of 70:30 and the

product is coagulated and washed with water. After dissolving the polyethylene with toluene, the fiber is divided into ultrafine fibers and the cloth is buffed with a sandpaper to obtain the objective suede-tone artificial leather having ultrafine raised fibers on the surface.

COPYRIGHT: (C)1997,JPO